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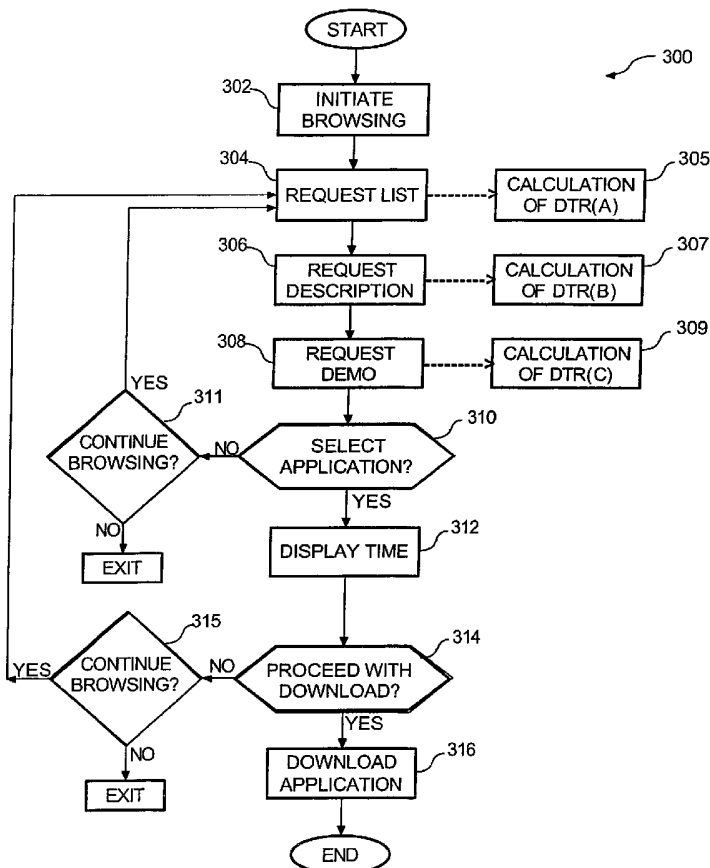
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR INDIVIDUALLY ESTIMATING TIME REQUIRED TO DOWNLOAD APPLICATION PROGRAMS



(57) Abstract: Estimation of user-specific length of time required to download application program over-the-air onto a remote module, such as a wireless device, is calculated based on data transfer rates for data files sent over network to wireless device preceding a requested download of application program. Data transfer rates are calculated while user of wireless device browses application programs for download and/or purchase. Wireless device utilizes data transfer rates and information representing size of selected application program to estimate length of time required to download application program onto the wireless device and displays estimate to user.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 992 922 A (IBM) 12 April 2000 (2000-04-12) page 4, line 39 - line 57 page 9, line 29 - line 58 page 10, line 24 - line 56	28
A		1, 11, 18-20, 24, 27, 29, 30, 32-38, 44, 45
A	WO 01 31846 A (KONINKL PHILIPS ELECTRONICS NV) 3 May 2001 (2001-05-03) page 7, line 13 - line 31	1, 11, 18-20, 24, 27, 28, 38, 44, 45
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 01 27800 A (BLUESTREAK COM) 19 April 2001 (2001-04-19)</p> <p>page 28, line 26 -page 29, line 17 page 48, line 8 - line 13 -----</p>	<p>1, 11, 18-20, 24, 27, 28, 38, 44, 45</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

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